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(FILE 'HOME' ENTERED AT 12:55:25 ON 15 APR 2003)

FILE 'CA' ENTERED AT 12:55:33 ON 15 APR 2003

L1 1410 S CHOLESTEROL OXIDASE
L2 97 S CHOLESTEROL DEHYDROGENASE
L3 81274 S LIPOPROTEIN
L4 1471 S L1 OR L2
L5 243 S L3 AND L4
L6 13703 S FLUFENAMIC OR MEFENAMIC OR TERPYRIDINE OR TIGLIC OR FUSIDIC O
L7 3 S L5 AND L6

FILE 'WPIDS' ENTERED AT 12:58:27 ON 15 APR 2003

L8 1 S L7

FILE 'USPATFULL' ENTERED AT 12:58:40 ON 15 APR 2003

L9 13 S L7

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.27	36.07

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-1.86

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 12:59:13 ON 15 APR 2003

L2 ANSWER 1 OF 1 CA COPYRIGHT 2003 ACS
 AN 131:56137 CA
 TI Method and reagent kits for determination of lipoprotein cholesterol
 IN Kishi, Koji; Kakuyama, Tsutomu; Shirahase, Yasushi; Watadzu, Yoshifumi
 PA International Reagents Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11155595	A2	19990615	JP 1997-325023	19971126 <--
PRAI	JP 1997-325023		19971126		

AB Cholesterol (I) of a target lipoprotein is detd. in biol. samples contg. non-target lipoproteins by (1) treating I of non-target lipoproteins with cholesterol oxidase, (2) measuring light absorbance, (3) treating I of the target lipoprotein with cholesterol dehydrogenase, (4) measuring light absorbance, and (5) detg. the difference between the former absorbance and the latter. The enzyme treatment is carried out in the presence of compds. forming water-sol. complexes with I to prevent formation of aggregates.

IC ICM C12Q001-32
 ICS C12Q001-26; C12Q001-60; G01N033-92

CC 9-5 (Biochemical Methods)

ST lipoprotein cholesterol detn kit enzyme; oxidase dehydrogenase cholesterol lipoprotein detn

IT Polyoxyalkylenes, analysis
 RL: ARU (Analytical role, unclassified); ANST (Analytical study)
 (aggregation inhibitor; method and reagent kits for detn. of lipoprotein cholesterol with cholesterol oxidase and dehydrogenase)

IT Metacyclophanes
 Polysaccharides, analysis
 RL: ARU (Analytical role, unclassified); ANST (Analytical study)
 (aggregation inhibitors; method and reagent kits for detn. of lipoprotein cholesterol with cholesterol oxidase and dehydrogenase)

IT Polyelectrolytes
 (anionic, aggregation inhibitors; method and reagent kits for detn. of lipoprotein cholesterol with cholesterol oxidase and dehydrogenase)

IT Lipoproteins
 RL: ANT (Analyte); ANST (Analytical study)
 (high-d.; method and reagent kits for detn. of lipoprotein cholesterol with cholesterol oxidase and dehydrogenase)

IT Lipoproteins
 RL: ANT (Analyte); ANST (Analytical study)
 (low-d.; method and reagent kits for detn. of lipoprotein cholesterol with cholesterol oxidase and dehydrogenase)

IT Blood analysis
 Test kits
 (method and reagent kits for detn. of lipoprotein cholesterol with cholesterol oxidase and dehydrogenase)

IT Lipoproteins
 RL: ANT (Analyte); ANST (Analytical study)
 (remnant-like; method and reagent kits for detn. of lipoprotein cholesterol with cholesterol oxidase and dehydrogenase)

IT Lipoproteins
 RL: ANT (Analyte); ANST (Analytical study)
 (very-low-d.; method and reagent kits for detn. of lipoprotein cholesterol with cholesterol oxidase and dehydrogenase)

IT Polymers, analysis
 RL: ARU (Analytical role, unclassified); ANST (Analytical study)
 (water-sol., aggregation inhibitors; method and reagent kits for detn. of lipoprotein cholesterol with cholesterol oxidase and dehydrogenase)

IT 9003-01-4, Poly(acrylic acid) 9005-38-3, Sodium alginate 9011-18-1,

Dextran sodium sulfate 9041-08-1, Heparin sodium salt 9064-57-7,
.lambda.-Carrageenan 11028-71-0, Concanavalin A 17465-86-0D,
.gamma.-Cyclodextrin, 2-hydroxypropyl derivs. 25322-68-3 51166-71-3,
2,6-Dimethyl-.beta.-cyclodextrin 51312-42-6, Sodium phosphotungstate
228396-37-0 228396-38-1 228396-39-2

RL: ARU (Analytical role, unclassified); ANST (Analytical study)
(aggregation inhibitor; method and reagent kits for detn. of
lipoprotein cholesterol with cholesterol oxidase and dehydrogenase)

IT 57-88-5, Cholest-5-en-3-ol (3.beta.)-, analysis

RL: ANT (Analyte); ANST (Analytical study)
(blood; method and reagent kits for detn. of lipoprotein cholesterol
with cholesterol oxidase and dehydrogenase)

IT 57-88-5, Cholesterol, analysis

RL: ANT (Analyte); ANST (Analytical study)
(method and reagent kits for detn. of lipoprotein cholesterol with
cholesterol oxidase and dehydrogenase)

IT 9028-76-6, Cholesterol oxidase 67775-34-2, Cholesterol dehydrogenase

RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)
(method and reagent kits for detn. of lipoprotein cholesterol with
cholesterol oxidase and dehydrogenase)

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L1 ANSWER 1 OF 1 WPIDS (C) 2003 THOMSON DERWENT
AN 1999-398079 [34] WPIDS
DNN N1999-297753 DNC C1999-117441
TI Quantitative assay method of lipoprotein cholesterol in biological sample
- involves measuring difference in absorbance values of cholesterol in
specific lipoprotein fraction by adding cholesterol oxidizing and
dehydrogenating enzymes.
DC B04 D16 S03
PA (KOKU-N) KOKUSAI SHIYAKU KK
CYC 1
PI JP 11155595 A 19990615 (199934)* 10p <--
ADT JP 11155595 A JP 1997-325023 19971126
PRAI JP 1997-325023 19971126
AB JP 11155595 A UPAB: 19990825
NOVELTY - The quantitative assay method of lipoprotein cholesterol
involves measuring the absorbance value of cholesterol in lipoprotein
fractions by addition of cholesterol oxidizing enzyme and dehydrogenase.
The difference in measured absorbance value is used to carry out the
quantitative assay. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also
included for reagent bit used for the quantitative assay of lipoprotein
cholesterol.
USE - For quantitative assay of lipoprotein cholesterol in biological
sample.
ADVANTAGE - Assay of cholesterol in a specific lipoprotein fraction
is done selectively. Operation is simple as centrifugal fractionation is
unnecessary. Reduces the measure constant error or an artificial error.
Autoanalyzer helps in continuous measurement.
Dwg.0/0